Hak Joong Kim

List of Publications by Year
in descending order

23	281	933447 10	940533 16
papers	citations	h-index	g-index

24	24	24	437
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Nâ€(Biphenylâ€3â€ylmethyl)ethanamines as G proteinâ€biased agonists of <scp>5â€HT₇R</scp>. Bulletin of the Korean Chemical Society, 2022, 43, 73-77.	1.9	1
2	Discovery of G Protein-Biased Ligands against 5-HT₇R. Journal of Medicinal Chemistry, 2021, 64, 7453-7467.	6.4	8
3	Function of Fimsbactin B as an Acinetobacter-Selective Antibiotic Delivery Vehicle. Organic Letters, 2021, 23, 5256-5260.	4.6	5
4	Discovery of G Protein-Biased Antagonists against 5-HT₇R. Journal of Medicinal Chemistry, 2021, 64, 13766-13779.	6.4	5
5	Distinctive Roles of Two Acinetobactin Isomers in Challenging Host Nutritional Immunity. MBio, 2021, 12, e0224821.	4.1	8
6	Development of carbapenem-based fluorogenic probes for the clinical screening of carbapenemase-producing bacteria. Bioorganic Chemistry, 2020, 94, 103405.	4.1	11
7	Current biochemical understanding regarding the metabolism of acinetobactin, the major siderophore of the human pathogen Acinetobacter baumannii, and outlook for discovery of novel anti-infectious agents based thereon. Natural Product Reports, 2020, 37, 477-487.	10.3	19
8	Evaluation of anti-depressant effects of phthalazinone-based triple-acting small molecules against 5-HT2A, 5-HT2C, and the serotonin transporter. Bioorganic and Medicinal Chemistry Letters, 2020, 30, 126882.	2.2	4
9	Total Syntheses of Fimsbactin A and B and Their Stereoisomers to Probe the Stereoselectivity of the Fimsbactin Uptake Machinery in Acinetobacter baumannii. Organic Letters, 2020, 22, 2806-2810.	4.6	14
10	Synthesis and Biological Evaluation of Disubstituted Pyrimidines as Selective 5-HT2C Agonists. Molecules, 2019, 24, 3234.	3.8	3
11	Synthesis and Characterization of Anguibactin To Reveal Its Competence To Function as a Thermally Stable Surrogate Siderophore for a Gram-Negative Pathogen, Acinetobacter baumannii. Organic Letters, 2018, 20, 6476-6479.	4.6	13
12	Synthesis of Nâ€Alkylâ€Carbazole Derivatives as 5â€HT₇R Antagonists. Bulletin of the Korean Chemical Society, 2018, 39, 1083-1089.	1.9	4
13	Key Structural Elements for Cellular Uptake of Acinetobactin, a Major Siderophore of Acinetobacter baumannii. Organic Letters, 2017, 19, 500-503.	4.6	24
14	Docosahexaenoic acid-mediated protein aggregates may reduce proteasome activity and delay myotube degradation during muscle atrophy in vitro. Experimental and Molecular Medicine, 2017, 49, e287-e287.	7.7	25
15	A Potential PET Radiotracer for the 5-HT_{2C} Receptor: Synthesis and in Vivo Evaluation of 4-(3-[¹⁸F]fluorophenethoxy)pyrimidine. ACS Chemical Neuroscience, 2017, 8, 996-1003.	3.5	25
16	Structural Revision of Baulamycin A and Structureâ€“Activity Relationships of Baulamycin A Derivatives. Journal of Organic Chemistry, 2017, 82, 12947-12966.	3.2	9
17	Identification of Optically Active Pyrimidine Derivatives as Selective 5-HT2C Modulators. Molecules, 2017, 22, 1416.	3.8	2
18	MG53-IRS-1 (Mitsugumin 53-Insulin Receptor Substrate-1) Interaction Disruptor Sensitizes Insulin Signaling in Skeletal Muscle. Journal of Biological Chemistry, 2016, 291, 26627-26635.	3.4	11

#	Article	IF	Citations
19	5-HT 7 receptor modulators: Amino groups attached to biphenyl scaffold determine functional activity. European Journal of Medicinal Chemistry, 2016, 123, 180-190.	5.5	14
20	Biophysical and chemical handles to control the size of DNA nanoparticles produced by rolling circle amplification. Biomaterials Science, 2016, 4, 1314-1317.	5.4	23
21	Total Syntheses and Evaluation of the Siderophore Functions of Fimsbactin B and Its Analogs. Bulletin of the Korean Chemical Society, 2015, 36, 1520-1523.	1.9	11
22	Total Synthesis of Acinetobactin. Bulletin of the Korean Chemical Society, 2015, 36, 439-441.	1.9	10
23	Development of a novel fluorescence probe capable of assessing the cytoplasmic entry of siderophore-based conjugates. Organic and Biomolecular Chemistry, 2015, 13, 73-76.	2.8	8